Abstract

A system for automation, monitoring and measurement acquisition for technical processes, having measurement and control units (2, 14, 15, 16) that are connected to sensors and actuators of the processes (1, 8, 9, 10) via measurement and control lines (3, 11, 12, 13), having a system distributed in a data network (4), in which system automation modules (44, 45, 46) are combined into automation units (39, 31, 32, 18, 19) and automation units are combined into automation groups (99), and having a higher-level information plane (22) whose information programs (23 to 27) have reading access to the automation units.